

Appendix B

Glossary

A&I Services	Abstracting and Indexing Services, also called secondary publication services
ANSI	American National Standards Institute, an organization that develops and publishes industry standards. A source of standards for computers and communications technologies.
ANSWER	ATSDR/NLM Workstation for Emergency Response
ATSDR	Agency for Toxic Substances and Disease Registry, the Superfund agency in the Public Health Service
Beta Test	Individuals or organizations used for final testing/acceptance
BIOSIS	Biological Information Service, a product of Biological Abstracts, the major U.S. A&I service for biology
CAMEO	Computer Aided Management of Emergency Operation, software designed by the National Oceanic and Atmospheric Administration.
CANCERLIT	CANCER LITerature, a bibliographic file on ELHILL
CAS	Chemical Abstracts Service, a division of the American Chemical Society. CAS is the world's major A&I service for chemistry.
CAS Registry System	A CAS-developed and operated computer system that stores structure and nomenclature information for ca. 11 million chemical substances and assigns unique numbers (the CAS Registry Numbers) to the records of these substances.
CCRIS	Chemical Carcinogenesis Research Information System, an NCI database on TOXNET
CDC	Centers for Disease Control and Prevention
CD-ROM	Compact Disk-Read Only Memory
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980, also known as the Superfund Act
ChemID	Chemical IDentification, a non-royalty chemical nomenclature and directory file on ELHILL
CHEMLINE	CHEMical Dictionary ONLINE, a royalty chemical nomenclature and directory file on ELHILL
COACH	Expert search system prototype used to improve retrieval from MEDLINE with Grateful Med
Crossfile Searching	Permits TOXNET users to search for and display data from multiple files simultaneously

CSIN	Chemical Substances Information Network, a hardware/software facility, developed in the mid-70s, to search databases with chemical substances information located on various computer systems; cf. Micro-CSIN
DART	Developmental and Reproductive Toxicology, a bibliographic file on TOXNET
DBMS	Database Management System, a class of software used to build and maintain computer databases
DHHS	Department of Health and Human Services, component of the U.S. Government
DIRLINE	DIRECTory of Information Resources OnLINE, a directory database on ELHILL
Distributed Network	An arrangement of computers on a network which work together in a cooperative manner
EC	European Community
EIS	Emergency Information System, a service provided by Research Alternatives Inc. of Rockville, MD
ELHILL	MEDLARS software named after Senator Lister Hill
EMIC and EMICBACK	Environmental Mutagen Information Center database (and its backfile), a bibliographic file on the TOXNET system, sponsored by EPA and NIEHS and produced by the Oak Ridge National Laboratory
EPA	Environmental Protection Agency, an agency of the U.S. Government
ETIC and ETICBACK	Environmental Teratology Information Center database (and its backfile). ETIC has been replaced by DART (see). ETICBACK is a bibliographic file on TOXNET; it was sponsored by EPA and NIEHS
Expert System	A computer program that combines knowledge of a particular subject with inferencing mechanisms that enable it to use this knowledge in problem-solving situations
FDA	Food and Drug Administration, an agency of the Public Health Service
FCCSET	Federal Coordinating Committee for Science, Engineering and Technology, a White House-based facility established to coordinate designated scientific and technical matters across the Federal Government
Fugitive Literature	Literature appearing outside of traditional publication channels (e.g., technical reports, government documents, corporate memoranda, etc.)

Gateway	A mechanism providing access among multiple systems and databases
Good Laboratory Practices..	Laws and regulations covering all phases of toxicology testing
GenBANK	A DNA sequence database now operated by NLM's National Center for Biotechnology Information
GENE-TOX	GENETic TOXicology, an EPA-sponsored database on TOXNET
Grateful Med	An NLM-developed software package for IBM and Macintosh microcomputers that facilitates searching of MEDLINE and other NLM online files
HSDB	Hazardous Substances Data Bank, an NLM-maintained file on the TOXNET system that describes the chemical, biological and environmental properties of some 4300 chemicals
HAZMAT	HAZardous MATerials; term often used in connection with activities related to the response to and prevention of chemical accidents
HBCUs	Historically Black Colleges and Universities
HPCC	High Performance Computing and Communication, a current Presidential initiative area
IARC	International Agency for Research on Cancer, an NCI-supported facility in Lyons, France
ILO	International Labour Organization, a U.N. organization
IM	Index Medicus, an NLM publication
Informatics	See Medical Informatics
Information Sources Map ...	A component of the UMLS (see) containing information about the scope, location, vocabulary, syntax rules, and access conditions of biomedical databases of all kinds
IPCS	International Program for Chemical Safety, a U.N. program
IRIS	Integrated Risk Information System, an EPA-produced database on TOXNET
IRPTC	International Registry for Potentially Toxic Chemicals, a U.N. organization
ISM.....	See Information Sources Map

Material Safety Data Sheet	Informational materials describing properties including hazards to human health, and protective measures connected with chemical substances in commerce; established by the Hazard Communication Standard and regulated by OSHA (see)
Medical Informatics	The study of medical information, including medical decision-making, cognitive processes, human-machine interface, knowledge representation, and information storage and retrieval.
MEDLARS	MEDical Literature Analysis and Retrieval System, NLM's network of online services
MEDLINE	MEDical Literature OnLINE, NLM's major bibliographic file on ELHILL
MeSH	Medical Subject Headings, NLM's indexing thesaurus
Metathesaurus	A component of the UMLS (see) containing information about biomedical concepts and their representation in different vocabularies and thesauri
Micro-CSIN	Microcomputer-based version of CSIN (see), developed for information gathering to support responses to chemical emergencies
MIIS	Meditech Interpretative Information System, a dialect of MUMPS (see)
MSDS	Material Safety Data Sheet (see)
MUMPS	Massachusetts General Hospital Utility & Multi-Programming System, the programming language used for TOXNET
NAS	National Academy of Sciences
National Referral Center ...	Directory database on DIRLINE, formerly produced by the Library of Congress
NCI	National Cancer Institute, an NIH institute
NIEHS	National Institute of Environmental Health Sciences, an NIH institute
NIH	National Institutes of Health, an agency of the Public Health Service
NIOSH	National Institute for Occupational Safety and Health, a CDC organization
NLM	National Library of Medicine, an NIH institute

NN/LM	National Network of Libraries of Medicine, coordinated by NLM, includes over 3,600 U.S. health science libraries
NRC	National Referral Center (see)
NREN	National Research and Education Network
NTP	National Toxicology Program, an inter-agency program administered by NIEHS (see)
OECD	Organization for Economic Cooperation and Development, an international organization that includes representation from the major industrialized countries
ORAU	Oak Ridge Associated Universities, a multi-university organizational structure maintained by the Department of Energy
ORNL	Oak Ridge National Laboratory, one of the national R&D organizations supported by the Department of Energy
OSHA	Occupational Safety and Health Administration, an agency in the Department of Labor concerned with the safety and health of workers
PHS	Public Health Service (see)
PSAC	President's Science Advisory Committee, a multi-disciplinary organization that functioned during the 60s and 70s to provide advice on science matters to the President
Public Health Service	A multi-agency (viz., CDC, FDA, NIH) organizational component of the Department of Health and Human Services
RFA	Request for Application (for grant applications)
Risk Assessment	In the health area, the use of available information to evaluate and estimate exposure to a hazardous agent and its consequent adverse health effects
RTECS	Registry of Toxic Effects of Chemical Substances, a NIOSH produced database provided online through the TOXNET system
RML	Regional Medical Library, major health science libraries in eight regions of the U.S. that are under contract to NLM to support various NLM activities such as inter-library loans and training
SARA	Superfund Amendments and Reauthorization Act of 1986
SIS	Specialized Information Services, the NLM Division that manages the Toxicology Information Program

SRP	Scientific Review Panel, the group of experts in toxicology, medicine and the environmental sciences that regularly reviews the content of the HSDB (see)
Superfund	See CERCLA
SUPERLIST	A capability built into ChemID (see) that permits users to identify important regulatory and scientific lists pertaining to a particular chemical
TDB	Toxicology Data Bank, NLM's original online databank describing the properties of hazardous chemicals. Now superseded by HSDB (see)
TIP	Toxicology Information Program, a program established at NLM in 1967
TIPCOM	Toxicology Information Program COMmittee, a National Academy of Sciences advisory committee for the Toxicology Information Program
TIRC	Toxicology Information Response Center, an NLM-supported facility at the Oak Ridge National Laboratory that provides information and performs literature searches for clients in toxicology and related areas
TOMES	Toxicology, Occupational Medicine, and Environmental Series, a CD-ROM database with medical treatment information for chemical exposure emergencies, produced by Micromedex, Inc.
Toxic Chemical Release Inventory	An EPA activity mandated under the "Emergency Planning and Right to Know" section of the 1986 Superfund Amendments and Reauthorization Act. (cf. TRI)
TOXLINE	TOXicology Information OnLINE, a multi-component, non-royalty bibliographic file on ELHILL, covering the subject area of toxicology broadly
TOXLINE65	TOXLINE backfile
TOXLIT	TOXicology LITerature, a royalty-based bibliographic file on ELHILL, similar to TOXLINE, but composed entirely of material provided by Chemical Abstracts Service (see)
TOXLIT65	TOXLIT backfile
TOXNET	TOXicology Data NETwork, NLM's microprocessor-based system for building, maintaining and online delivery of databanks in toxicology and related areas

TRI	Toxic Chemical Release Inventory (see), a series of files created by EPA from industry submissions on annual environmental releases. Available online on the TOXNET system
TSCA.....	Toxic Substances Control Act, legislation passed in 1976 that controls (inter alia) the distribution of newly developed industrial chemicals and new uses of existing chemicals
UMLS.....	Unified Medical Language System, an NLM project to create linkages among major thesauri used to index medical information
UNEP	United Nations Environment Programme, a component organization of the U.N.
WHO	World Health Organization, a component organization of the U.N.